

Abstract of the Disclosure:

Disclosed is a system for allowing on-demand delivery of data, such as MPEG-2 compressed video data, to a subscriber from a content server. The system utilizes a managed IP network that is coupled to the one or more content servers that allows the content servers to deliver data such as video, audio, and textual data with a guaranteed quality of service that is at least as good as broadcast quality service. The managed IP network is connected to a head end or other local cable service provider where video is delivered locally to subscribers. The IP transport data is translated to MPEG transport data, multiplexed onto an MPEG transport system, digitally modulated onto an rf carrier and up-converted to a specific frequency channel. The signal is then applied to the cable for delivery to the subscriber. Upstream signaling occurs through a set top box or computer that is connected to the cable and subsequently to a digital modulator/demodulator and ISP to a managed IP network 66. Low band signals can also be transmitted from the content servers back to the set top box or computer indicating confirmation of an order. Also, control signals such as stop, rewind, fast-forward, and slow can be transmitted back to the content server to control the transmission of data from the content server to the subscriber.